INDEX

Almog, Y. & Frankel, I. The motion of axisymmetric dipolar particles in homogeneous shear flow, 243–261

Amiet, R. K. Airfoil leading-edge suction and energy conservation for compressible flow, 227–242

Bruhwiler, D. L. & Kaper, T. J. Wavenumber transport: scattering of small-scale internal waves by large-scale wavepackets, 379–405

Cardoso, S. S. S. & Woods, A. W. The formation of drops through viscous instability, 351–378

Cohen, J. *See* Levinski & Cohen

D'Asaro, E. A. *See* Winters, Lombard, Riley & D'Asaro

Darbyshire, A. G. & Mullin, T. Transition to turbulence in constant-mass-flux pipe flow, 83–114

Faltinsen, O. M., Newman, J. N. & Vinje, T. Nonlinear wave loads on a slender vertical cylinder, 179–198

Farrow, D. E. An asymptotic model for the hydrodynamics of the thermal bar, 129–140

Frankel, I. *See* Almog & Frankel

Fyrillas, M. M. & Szeri, A. J. Dissolution or growth of soluble spherical oscillating bubbles: the effect of surfactants, 295–314

Hallworth, M. A. *See* Huppert, Turner & Hallworth

Hertzberg, J. R. & Ho, C. M. Three-dimensional vortex dynamics in a rectangular sudden expansion, 1–27

Ho, C. M. *See* Hertzberg & Ho

Huppert, H. E., Turner, J. S. & Hallworth, M. A. Sedimentation and entrainment in dense layers of suspended particles stirred by an oscillating grid, 263–293

Kaper, T. J. *See* Bruhwiler & Kaper

Levinski, V. & Cohen, J. The evolution of a localized vortex disturbance in external shear flows. Part 1. Theoretical considerations and preliminary experimental results, 159–177

Lombard, P. N. *See* Winters, Lombard, Riley & D'Asaro

Milgram, J. H. *See* Ölmez & Milgram

Mullin, T. *See* Darbyshire & Mullin

Newman, J. N. *See* Faltinsen, Newman & Vinje

Ölmez, H. S. & Milgram, J. H. Nonlinear energy transfer to short gravity waves in the presence of long waves, 199–226

Riley, J. J. *See* Winters, Lombard, Riley & D'Asaro

Sawford, B. L. & Sullivan, P. J. A simple representation of a developing contaminant concentration field, 141–157

Sullivan, P. J. *See* Sawford & Sullivan

Szeri, A. J. *See* Fyrillas & Szeri

Tsai, W.-T. & Yue, D. K. P. Effects of soluble and insoluble surfactant on laminar interactions of vortical flows with a free surface, 315–349

Turner, J. S. *See* Huppert, Turner & Hallworth

Viera, F. On the alignment and axisymmetrization of a vertically tilted geostrophic cortex, 29–50

INDEX

Almog, Y. & Frankel, I. The motion of axisymmetric dipolar particles in homogeneous shear flow, 243–261

Amiet, R. K. Airfoil leading-edge suction and energy conservation for compressible flow, 227–242

Bruhwiler, D. L. & Kaper, T. J. Wavenumber transport: scattering of small-scale internal waves by large-scale wavepackets, 379–405

Cardoso, S. S. S. & Woods, A. W. The formation of drops through viscous instability, 351–378

Cohen, J. *See* Levinski & Cohen

D'Asaro, E. A. *See* Winters, Lombard, Riley & D'Asaro

Darbyshire, A. G. & Mullin, T. Transition to turbulence in constant-mass-flux pipe flow, 83–114

Faltinsen, O. M., Newman, J. N. & Vinje, T. Nonlinear wave loads on a slender vertical cylinder, 179–198

Farrow, D. E. An asymptotic model for the hydrodynamics of the thermal bar, 129–140

Frankel, I. *See* Almog & Frankel

Fyrillas, M. M. & Szeri, A. J. Dissolution or growth of soluble spherical oscillating bubbles: the effect of surfactants, 295–314

Hallworth, M. A. *See* Huppert, Turner & Hallworth

Hertzberg, J. R. & Ho, C. M. Three-dimensional vortex dynamics in a rectangular sudden expansion, 1–27

Ho, C. M. *See* Hertzberg & Ho

Huppert, H. E., Turner, J. S. & Hallworth, M. A. Sedimentation and entrainment in dense layers of suspended particles stirred by an oscillating grid, 263–293

Kaper, T. J. *See* Bruhwiler & Kaper

Levinski, V. & Cohen, J. The evolution of a localized vortex disturbance in external shear flows. Part 1. Theoretical considerations and preliminary experimental results, 159–177

Lombard, P. N. *See* Winters, Lombard, Riley & D'Asaro

Milgram, J. H. *See* Ölmez & Milgram

Mullin, T. *See* Darbyshire & Mullin

Newman, J. N. *See* Faltinsen, Newman & Vinje

Ölmez, H. S. & Milgram, J. H. Nonlinear energy transfer to short gravity waves in the presence of long waves, 199–226

Riley, J. J. *See* Winters, Lombard, Riley & D'Asaro

Sawford, B. L. & Sullivan, P. J. A simple representation of a developing contaminant concentration field, 141–157

Sullivan, P. J. *See* Sawford & Sullivan

Szeri, A. J. *See* Fyrillas & Szeri

Tsai, W.-T. & Yue, D. K. P. Effects of soluble and insoluble surfactant on laminar interactions of vortical flows with a free surface, 315–349

Turner, J. S. *See* Huppert, Turner & Hallworth

Viera, F. On the alignment and axisymmetrization of a vertically tilted geostrophic cortex, 29–50

Vinje, T. *See* Faltinsen, Newman & Vinje

Winters, K. B., Lombard, P. N., Riley, J. J. & D'Asaro, E. A. Available potential energy and mixing in density-stratified fluids, 115–128

Woods, A. W. *See* Cardoso & Woods

Yue, D. K. P. *See* Tsai & Yue

Zhang, X. Capillary–gravity and capillary waves generated in a wind wave tank: observations and theories, 51–82